AnyMedia®
Line Access Gateway 4300

This comprehensive access platform delivers the key capabilities you need for efficient operations. It doubles the capacity of any other AnyMedia® Access System platform to further reduce the cost of POTS support. To boost revenues, it enables new voice and broadband services, while using a single integrated network management system for both voice and data traffic. It also allows IP and circuit traffic to co-exist on the same integrated platform, so you gain a simple, economical way to migrate from today's circuit networks to the packet-based networks of the future.

Applications

- Next Generation Network services such as VoIP and IP data
- Switch consolidation requiring low-cost POTS
- Office growth applications needing cost-effective support for multiple traffic types
- High teledensity solutions
- Large remote deployments

Features

- **IP services** – Enable IP data, VoIP and POTS traffic to coexist on the same platform —cutting costs and enabling seamless network migration
- **Full multi-service support** – Allows service providers to offer both narrowband and broadband services from the same integrated platform
- **High-density platform** – Supports up to 2,752 POTS lines per shelf—or any combination of DSL, POTS, ISDN and IP services
- **Any service, any slot application packs** – Provides a quick, easy way to add new services—or change existingoffers
- **High-capacity backplane** – Performs at 120+ Gbps to provide seemingly unlimited capacity, with all the bandwidth needed to deliver high-speed premium services
- **Open switch interfaces** – Allow the AnyMedia® LAG 4300 to operate with any other equipment using the latest industry standards, including V5.1, V5.2, ATM, IP, SIP and H.248
- **Single integrated management system** – Enables cost-effective, flexible control over all network devices—with support for both voice and data services

Benefits

- **Reduced capital expenditures** – This single-platform solution eliminates the need for forklift upgrades—and minimizes spending on components and interfaces
- **Quick response to customer demand** – Just add application packs to introduce new services—or to adjust your service mix
- **Seamless packet evolution** – IP-enabled features support incremental migration to packet technology protecting investments in existing networks
- **Decreased operating costs** – By enabling fewer network elements and a single management system for voice and data, this platform streamlines operations and makes optimal use of costly Central Office space
- **Enhanced revenue opportunities** –Supports a full spectrum of high-value voice, data and multimedia services, including premium service at higher rates
- **Streamlined management** – Using an integrated system to manage voice and data services increases operating efficiency, lowers costs—and simplifies network convergence
- **Reliable performance** – The AnyMedia® LAG 4300 maintains high availability and provides dedicated bandwidth to keep premium customers satisfied
- **Interoperability** – Standard open interfaces allow seamless operation with a wide range of equipment—and support easy migration to emerging technologies

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Specifications

Description	Specifications
1. **Dimensions**	
Height:	38 in (96.5 cm)
Width:	25 in (63.5 cm) Add 2 inches for rack mounting ears. For more details, please see the Ordering Guide.
Depth:	11 in (28.0 cm)
2. **Housing**	
Support for both indoor and outdoor configurations.	
3. **Card Slots**	
	43 for application packs
4. **Application and Services**	
Narrowband:	POTS
	Payphone
	ISDN BRA
	ISDN PRA
Leased Lines:	Analog leased lines
	Digital leased lines via U-interface
	Nx64 Kbps digital leased line
	2.048 Mbps structured leased line
	2.048 Mbps unstructured leased line
Broadband:	Internet access
	IP video streaming
	LAN extensions
	Remote LAN
	WiFi (future)
	VoIP (H.248) (future)
5. **Operating Environment**	
The AnyMedia® Access System is designed to meet the appropriate regulations of European Telecommunication Standards ETS 300 019-1 (Environmental conditions and environmental tests for telecommunications equipment).	
6. **Conformance Standards**	
Applicable IEC, ISO, ATM Forum, ITU-T, ANSI, IETF and IEEE standards	
7. **Interfaces**	
To the subscriber:	POTS
	ISDN-BRA via 2B1Q or 4B3T U standardized interface
	HDSL interface
	SHDSL interface
	ADSL full rate/G.Lite
	SDSL 2B1Q
	Gigabit Ethernet
	ADSL2+ (future)
	VDSL (future)
	100Base-FX Ethernet (future)
To the network:	V5.2
	E1 IMA, DS1 IMA interfaces for narrowband services
	E3/DS3/ITU STM-1/Japan STM-1/OC-3c interfaces for broadband services
	IP (future)

To learn more about our comprehensive portfolio, please contact your Lucent Technologies Sales Representative or call 1-888-426-2252.

Visit our web site at http://www.lucent.com.

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